

## Environmental Protection Agency

## § 421.23

(a) Except as provided below, the general definitions, abbreviations and methods of analysis set forth in part 401 of this chapter, shall apply to this subpart.

(b) The term *product* shall mean hot aluminum metal.

(c) If a permittee chooses to analyze for benzo(a)pyrene using any EPA-approved method, any “non-detected” measurements shall be considered zeroes for the purpose of determining compliance with this regulation.

[49 FR 8792, Mar. 8, 1984, as amended at 52 FR 25556, July 7, 1987]

### § 421.22 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable technology currently available (BPT):

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	Metric units—kg/kkg of product	
	English units—lbs/ thousand lbs of product	
Fluoride .....	2.0	1.0
Total Suspended solids .....	3.0	1.5
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Within the range of 6 to 9 at all times.

[49 FR 8792, Mar. 8, 1984; 49 FR 29794, July 24, 1984]

### § 421.23 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable:

(a) Subpart B—Anode and Cathode Paste Plant Wet Air Pollution Control

#### BAT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of paste produced	
Benzo(a)pyrene .....	0.005	0.002
Antimony .....	.263	.117
Nickel .....	.075	.050
Aluminum .....	.831	.369
Fluoride .....	8.092	3.591

(b) Subpart (B)—Anode Contact Cooling and Briquette Quenching.

#### BAT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of anodes cast	
Benzo(a)pyrene .....	0.007	0.003
Antimony .....	.403	.180
Nickel .....	.115	.077
Aluminum .....	1.277	.566
Fluoride .....	12.440	5.518

(c) Subpart (B)—Anode Bake Plant Wet Air Pollution Control (Closed Top Ring Furnace).

#### BAT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of anodes baked	
Benzo(a)pyrene .....	0.146	0.067
Antimony .....	8.346	3.719
Nickel .....	2.378	1.600
Aluminum .....	26.420	11.720
Fluoride .....	257.300	114.200

(d) Subpart B—Anode Bake Plant Wet Air Pollution Control (Open Top Ring Furnace With Spray Tower Only).

#### BAT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of anodes baked	
Benzo(a)pyrene .....	0.002	0.001
Antimony .....	.097	.043
Nickel .....	.028	.019
Aluminum .....	.306	.136
Fluoride .....	2.975	1.320